

FRESHMEN OPTIONS

SCIENCE (pre-requisite)

FORCES AND MOTION IN ONE-DIMENSION

Grades: 10-11

137310

PHYSICS:FORC

1/2 Science Credit

Prerequisite: One semester Algebra 1 with C or better recommended or departmental approval

This semester course is the first in a recommended series of physics courses. This class will cover topics including laboratory safety, measurement, scientific inquiry, graphical analysis and the study of forces and motion in one dimension. Group interaction, discussion, and cooperation during laboratory practice and mathematical problem-solving sessions will be commonplace. Open-ended lab experiences requiring student collaboration and multiple-step problem solving execution will be frequent.